

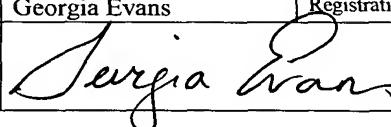
**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		57953/1151 Muktar A. Mahajan									
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		Title NIF-1 IS A NOVEL CO-TRANSDUCER THAT INTERACTS WITH AND REGULATES THE ACTIVITY OF THE NUCLEAR HORMONE RECEPTOR CO-ACTIVATOR, NRC Express Mail Label No. EV138585049US									
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 83] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications (<i>if applicable</i>) - Statement Regarding Fed sponsored R & D (<i>if applicable</i>) - Reference to sequence listing, a table, or a computer program listing appendix (<i>if applicable</i>) - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 16] 5. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Unsigned c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <table style="margin-left: 20px; border: none;"> <tr> <td><input type="checkbox"/> Continuation</td> <td><input type="checkbox"/> Divisional</td> <td><input type="checkbox"/> Continuation-in-part (CIP)</td> <td>of prior application No.: _____ / _____</td> </tr> <tr> <td colspan="3">Prior application information:</td> <td>Group / Art Unit: _____</td> </tr> </table>		<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____ / _____	Prior application information:			Group / Art Unit: _____	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____	
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____ / _____								
Prior application information:			Group / Art Unit: _____								

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below	
Name Nixon Peabody LLP Address Clinton Square, P.O. Box 31051 City Rochester State NY Zip Code 14603-1051 Country USA Telephone (585) 263-1672 Fax (585) 263-1600			
Name (Print/Type) Georgia Evans		Registration No. (Attorney/Agent) 44,597	
Signature 		Date	August 20, 2003

22151-U.S.P.T.O.
210/645250



08/20/03

FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1,014)

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Muktar A. Mahajan
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	57953/1151

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

14-1138

Deposit Account Name

Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1001	750	2001 375 Utility filing fee	375
1002	330	2002 165 Design filing fee	
1003	520	2003 260 Plant filing fee	
1004	750	2004 375 Reissue filing fee	
1005	160	2005 80 Provisional filing fee	

SUBTOTAL (1) (\$ 375)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	91	-20** =	71 X 9 =	639
Independent Claims	3	-3** =	0 X 42 =	0
Multiple Dependent		X		0

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 639)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Description

Fee Code (\$)	Fee Code (\$)		
1051	130	2051 65	Surcharge - late filing fee or oath
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	410	2252 205	Extension for reply within second month
1253	930	2253 465	Extension for reply within third month
1254	1,450	2254 725	Extension for reply within fourth month
1255	1,970	2255 985	Extension for reply within fifth month
1401	320	2401 160	Notice of Appeal
1402	320	2402 160	Filing a brief in support of an appeal
1403	280	2403 140	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive - unavoidable
1453	1,300	2453 650	Petition to revive - unintentional
1501	1,300	2501 650	Utility issue fee (or reissue)
1502	470	2502 235	Design issue fee
1503	630	2503 315	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee under 37 CFR 1.17(q)
1806	180	1806 180	Submission of Information Disclosure Stmt
8021	40	8021 40	Recording each patent assignment per property (times number of properties)
1809	750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))
1810	750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801 375	Request for Continued Examination (RCE)
1802	900	1802 900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____.

Date _____

Signature _____

Typed or printed name _____

SUBMITTED BY

Name (Print/Type)	Georgia Evans	Registration No. (Attorney/Agent)	44,597	Telephone	(585) 263-1672
Signature	<i>Georgia Evans</i>			Date	<i>August 20, 2003</i>

SEND TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

DOCKET NO. : **57953/1151**

APPLICANT(S) : **Muktar A. Mahajan and Herbert H. Samuels**

TITLE : **NIF-1 IS A NOVEL CO-TRANSDUCER THAT INTERACTS
WITH AND REGULATES THE ACTIVITY OF THE NUCLEAR
HORMONE RECEPTOR CO-ACTIVATOR, NRC**

Certificate is attached to the Statement in Accordance with 37 C.F.R. § 1.821 (f) (1 page) and the 3.5" Diskette Containing Sequence Listing of the above-named application.

"EXPRESS MAIL" NUMBER: **EV138585049US**

DATE OF DEPOSIT: **August 20, 2003**

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Georgia Evans

(Typed or printed name of person mailing
paper or fee)


(Signature of person mailing paper or fee)

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duplicate)** of the above-named application.

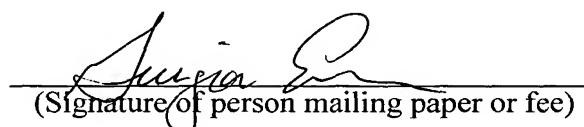
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(in duplicate) of the above-named application.

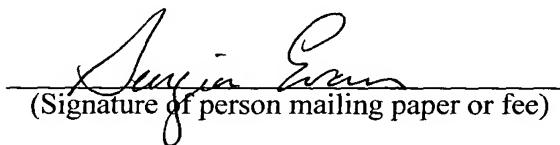
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HORMONE RECEPTOR CO-ACTIVATOR, NRC**

Certificate is attached to the **Patent Application, Including Specification, Claims and Abstract (83 pages), Sequence Listing (26 pages), and UNSIGNED Combined Declaration and Power of Attorney (2 pages)** of the above-named application.

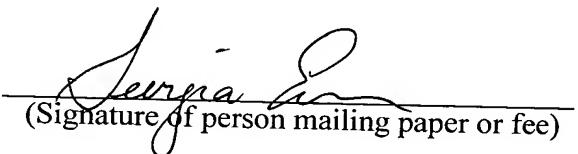
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HORMONE RECEPTOR CO-ACTIVATOR, NRC**

Certificate is attached to the **Formal Drawings (16 pages)** of the
above-named application.

“EXPRESS MAIL” NUMBER: **EV138585049US**

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